

WHAT IS CLAIMED IS:

(1) A high-density hollow weave fabric comprising a deployable/inflatable double-layer bag portion, a seam zone provided on the outer periphery of the bag portion, and a non-deployable/inflatable portion, which portions are formed of thermoplastic synthetic fiber yarns of a yarn size in a range from 100 dtex to 500 dtex, wherein at least part of the seam zone comprises a first weave portion of a 2/2 basket weave pattern, a narrow width hollow weave portion and a second weave portion of a 3/3 basket weave pattern in this order as seen from the bag portion side, and the high-density hollow weave fabric has a silicone resin coating layer of 10 g/m² or more.

(2) A high-density hollow weave fabric as defined by claim 1, wherein the first weave portion is composed of at least one reversible figured weave pattern and a 2/2 basket weave pattern.

(3) A high-density hollow weave fabric as defined by claim 1 or 2, wherein a cover factor of the narrow width hollow weave portion is in a range from 1900 to 2400 per one surface, and the number of yarns is in a range from 20 ends to 40 ends.

(4) A high-density hollow weave fabric as defined by any one of claims 1 and 3, wherein the number of yarns in the 2/2 basket weave pattern is in a range from 4 ends to 16 ends.

(5) A high-density hollow weave fabric as defined by any one of claims 1 and 4, wherein the number of yarns in the 3/3 basket weave pattern is in a range from 3 ends to 15 ends.

(6) A high-density hollow weave fabric as defined by any one of claims 1 and 5, wherein a yarn size of the thermoplastic synthetic fiber yarn is 400 dtex or less.

(7) A high-density hollow weave fabric as defined by any one of claims 1 and 6, wherein a yarn size of the thermoplastic synthetic fiber yarn is 250 dtex or less.

(8) A high-density hollow weave fabric as defined

by any one of claims 1 and 7, wherein the thermoplastic synthetic fiber yarn is a filament yarn of polyhexamethylene adipamide.

5 (9) A high-density hollow weave fabric as defined by any one of claims 1 and 8, wherein the first weave portion comprises a series of 2 to 6 reversible figured weave patterns.

10 (10) A high-density hollow weave fabric as defined by any one of claims 1 and 9, wherein at least part of the non-inflatable hollow weave portion has a partially knotted section.

15 (11) A high-density hollow weave fabric as defined by any one of claims 1 and 10, wherein the high-density hollow weave fabric has a silicone coating layer of 140 g/m² or less.

(12) A high-density hollow weave fabric as defined by any one of claims 1 and 11, wherein a fiber size of the synthetic fiber is in a range from 0.5 dtex to 4.5 dtex.

20 (13) A high-density hollow weave fabric as defined by any one of claims 1 and 12, wherein the high-density hollow weave fabric has a silicone coating layer of 50 g/m² or less.

25 (14) A curtain-shaped air bag formed of a high-density hollow weave fabric as defined by any one of claims 1 to 13.

30 (15) A curtain-shaped air bag formed of polyhexamethylene adipamide fiber and coated with silicone resin of 10 g/m² to 140 g/m², wherein the interior pressure retention ratio after inflation is 70% or more.

35 (16) A curtain-shaped air bag as defined by claim 14, wherein the air bag is coated with silicone resin of 50 g/m² or less and has the seam zone of a reversible figured weave pattern and a basket weave pattern.